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Abstract

The invention relates to a device (1) and a method for producing a hollow section or shell section (2) by means of a hydroforming (HF) tool (3), having at least one die (4, 5) in which a component to be formed into a hollow section or shell section (2) is accommodated, and at least one plunger (8) which can be placed against the die (4, 5) in the axial/longitudinal direction of the hollow section or shell section (2) and seals off said die (4, 5). In order to enable hydroformed components having joining flanges connected to them in one piece to be produced in a simpler manner, it is proposed that at least two radially displaceable notching punches (14) for forming notches (22) spaced apart in the peripheral direction be integrated in the HF tool (3), that the device (1) comprise a parting device, which is separate from the notching punches (14) and is intended for severing the component between the lateral notch margins (29) running in the component longitudinal direction, while forming an extension section (27), and a bending device for bending over the extension section (27) outside the HF tool (3) to form a flange section of the hollow section or shell section (2).

(Fig. 1)